underlined = deleted in targeting construct

[ ] = sequence flanking Neo insert in targeting construct

```
TTCGGATCCTTGGACCTTCCCGGTTCTTCTACCCCATTCTGGCCCTTGA CCCAGGGAGC
GAGGGCAGTGTGGTTAATGGGGAGAGCCATGCATCC GGGACCACCACTC ACAGACTGC
CTGCGAAG[ATTTACCAGACCAGAGCACTTAGGAAGCAGTGCCAAGATCAAGTGTAGCGGT
TGCCATAGC]TACCAAGAGTCCACAAAGCAGCTCACCATGAAGAAGCTGCCCATTGTGGCC
TGTTTCCATCTCAAACGATTTGAACACTCAGCCAAACTTCGGCGGAAGATCACCACATAT
GTGTCTTTTCCCCTGGAACTGGACA[TGACGCCCTTCATGGCCTCCAG]CAAAGAGAGCAGG
ATGAATGGGCAATACCAGCAGCCCCTGGACAGTCTCAACAATGACAACAAATACTCCCTG
TTTGCTGTCGTTAACCATCAAGGGACCTTGGAGAGTGGCCACTACACCAGCTTCATCCGG
CAGCACAAAGACCAGTGGTTCAAGTGTGATGACGCCATTATCACCAAGGCCAGCATCAAA
GATGTACTGGACAGTGAAGGGTACTACTCTTCTATCACAAACAGTTCCTG GATTACGAGT
AGCTCCTGCCTTGCTGGCCAGAGAAAGAGAGAGA (SEQ ID NO:1)
```

Gene Sequence Structure *

190 bp   **Sequence Deleted**   325 bp

Size of EST contig: 634 bp

FIGURE 2A